ABSTRACT OF THE DISCLOSURE

Apparatus and methods are provided for managing, tracking and controlling page sub-component prerequisites in a graphical user interface (GUI). According to one embodiment, in response to a request for a destination page and with reference to prerequisite information, one or more sub-component prerequisites associated with the destination page are identified. Then, a determination is made whether one or more requirements associated with the identified sub-component prerequisite have been satisfied by invoking a method of an instance of the identified sub-component prerequisite that causes stored information to be retrieved regarding the state of the sub-component prerequisite from a current environment/context. Finally, the destination page is displayed with (1) content associated with the identified sub-component prerequisite if any of its one or more requirements remain unsatisfied and (2) content associated with those of the sub-components having no sub-component prerequisites or having sub-component prerequisites whose requirements have all been satisfied.